

# UNCLASSIFIED

CLASSIFICATION:

BUDGET ITEM JUSTIFICATION SHEET										DATE:	
P-40										February 2004	
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE				
Aircraft Procurement, Navy/BA-4							F-5 Adversary				
Program Element for Code B Items:							Other Related Program Elements				
	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Program
QUANTITY	1		4	4	9	9	5				32
Net P-1 Cost (\$M)	0.500		2.000	1.985	4.487	4.487	2.497				15.956
Advance Proc (\$M)											
Wpn Sys Cost (\$M)	0.500		2.000	1.985	4.487	4.487	2.497				15.956
Initial Spares (\$M)											
Proc Cost (\$M)	0.500		2.000	1.985	4.487	4.487	2.497				15.956
Unit Cost (\$M)	0.500		0.500	0.496	0.499	0.499	0.499				0.499
<b>Description:</b>											
<p>The F-5E is a single seat, dual engine supersonic land based fighter. It is designed to a service life of 4000 flight hours, 4000 landings, and 5000 gear extension/retraction cycles, given a severe usage spectrum, such as the USN/USMC adversary mission. On average the USN/USMC F-5E aircraft have 7000 flight hours compared to the Swiss aircraft that average 2500 flight hours. The aircraft is powered by dual J85-21C engines. On average the F-5E has a \$2500.00 per hour flight cost which is a significant savings compared to FA/18 or F-16 platform to perform Adversary training.</p>											
<b>Mission:</b>											
<p>The mission of the F-5E is to provide the Tactical Air Operational Fleet with Adversary training during the Strike Fighter Advanced Readiness Program (SFARP). As a supersonic aircraft, it is capable of multi-threat environment, bringing virtually every potential adversary our Navy and Marine Corps might face. Most sorties flown by the F-5E involve multi-aircraft scenarios flying against deploying F/A-18 and F-14 fighter aircraft. This mission cannot be fulfilled through non-material alternatives.</p>											
<b>Basis for FY 2005 Request:</b>											
<p>Funds are requested in FY 2005 for the procurement of nine F-5 Adversary aircraft from the government of Switzerland to replace as one-for-one replacement for USN high time aircraft.</p>											

P-1 SHOPPING LIST

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AIRCRAFT COST ANALYSIS

P-5 Cost Sheet

Date: February 2004

Aircraft model: SWISS F-5 ADVERSARY AIRCRAFT

\$ in thousands

	Prior Years	FY 2003		FY 2004		FY 2005		FY 2006	
	Qty: 1	Qty: 4	4	Qty: 4	4	Qty: 9	9	Qty: 9	9
	<u>Total Cost</u>	<u>Unit Cost</u>	<u>Total Cost</u>						
1 Airframe CFE	0.500	0.500	2.000	0.496	1.985	0.499	4.487	0.499	4.487
2 CFE Electronics									
3 GFE Electronics									
4 Engines/Eng Acc									
5 Armament									
6 Other GFE									
7 Rec Flyaway ECO									
8 Rec Flyaway Cost									
9 Non-Recur Cost									
10 Ancillary Equip									
11									
12 Total Flyaway	0.500	0.500	2.000	0.496	1.985	0.499	4.487	0.499	4.487
13 Airframe PGSE									
14 Engine PGSE									
15 Avionics PGSE									
16 Pec Trng Eq									
17 Pub/Tech Eq									
18 Other ILS									
19 Prod Eng Supt									
20									
21 Support Cost									
22 Gross P-1 Cost	0.500	0.500	2.000	0.496	1.985	0.496	4.487	0.498	4.487
23 Adv Proc Credit									
24 Net P-1 Cost	0.500	0.500	2.000	0.496	1.985	0.496	4.487	0.498	4.487
25 Adv Proc CY									
26 Weapon System Cost	0.500	0.500	2.000	0.496	1.985	0.496	4.487	0.498	4.487
27 Initial Spares									
28 Procurement Cost	0.500	0.500	2.000	0.496	1.985	0.496	4.487	0.498	4.487

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD		
Aircraft Procurement, Navy/BA-4					F-5 Adversary				45CV		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (\$000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE	
<u>Airframe/CFE</u>											
FY 2003	4	.500	NAVAIR		FFP	SWISS GOVERNMENT SWITZERLAND	05/03	06/03	N/A	N/A	
FY 2004	4	.496	NAVAIR		FFP	SWISS GOVERNMENT SWITZERLAND	11/03	12/03	N/A	N/A	
FY 2005	9	.498	NAVAIR		FFP	SWISS GOVERNMENT SWITZERLAND	11/04	12/04	N/A	N/A	
D. REMARKS											



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Exhibit P-20, Requirements Study		APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA4				DATE: February 2004	
P-1 ITEM NOMENCLATURE F-5		Admin Leadtime (after Oct1): 1			Prod Leadtime : 0		
	PRIOR YR	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Buy Summary	1	4	4	9			
Unit Cost	\$0.500	\$0.500	\$0.496	\$0.498			
Total Cost	\$0.500	\$2.000	\$1.985	\$4.487			
Asset Dynamics							
Beginning Asset Position	0						
Deliveries from all prior year funding		1					
Deliveries from FY 2003 funding		4					
Deliveries from FY 2004 funding			4				
Deliveries from FY 2005 funding				9			
Deliveries from subsequent years' funding							
Other Gains							
Combat Losses/Usage							
Training Losses/Usage							
Test Losses/Usage							
Other Losses/Usage							
Disposals/Retirements/Attritions/etc.							
End of Year Asset Position	0	5	9	18			
Inventory Objective or Current Authorized Allowance	32	32	32	32			
Aircraft:		Remarks:					
TOAI:	32						
PAA:							
TAI:	32						
Attrition Res:	0						
BAI:	0						
Inactive Inv:	0						
Storage:	0						